		Future Flight I					
		2004 Scier					
Grade Level Expectations							
Louisiana Science							
Grade 5	01-1-	01					
Activity/Lesson	State	Standards	Harris III and the second second				
Air Transportation		201 5 01 0	Use computers and/or calculators to analyze				
Problem	LA	SCI.5.SI.9	and interpret quantitative data				
			Construct, use, and interpret appropriate graphical representations to collect, record,				
			and report data (e.g., tables, charts, circle				
Air Transportation			graphs, bar and line graphs, diagrams,				
Problem	LA	SCI.5.SI.11	scatter plots, symbols)				
			Communicate ideas in a variety of ways				
			(e.g., symbols, illustrations, graphs, charts,				
Air Transportation			spreadsheets, concept maps, oral and				
Problem	LA	SCI.5.SI.19	written reports, equations)				
Aircraft Design			Design, predict outcomes, and conduct				
Problem	LA	SCI.5.SI.4	experiments to answer guiding questions				
1 10010111		00	Evaluate models, identify problems in				
Aircraft Design			design, and make recommendations for				
Problem	LA	SCI.5.SI.33	improvement				
1 10010111		001.0.01.00	Demonstrate a change in speed or direction				
Aircraft Design			of an object's motion with the use of				
Problem	LA	SCI.5.PS.9	unbalanced forces				
i iobieiii		301.3.1 3.9	unbalanced forces				
		Future Flight I	Design				
		2004 Scier	nce				
		Grade Level Exp	ectations				
Louisiana Science							
Grade 6							
Activity/Lesson	State	Standards					
·			Record observations using methods that				
Air Transportation			complement investigations (e.g., journals,				
Problem	LA	SCI.6.SI.7	tables, charts)				
Air Transportation			Use computers and/or calculators to analyze				
Problem	LA	SCI.6.SI.9	and interpret quantitative data				
			Construct, use, and interpret appropriate				
			graphical representations to collect, record,				
			and report data (e.g., tables, charts, circle				
Air Transportation			graphs, bar and line graphs, diagrams,				
Problem	LA	SCI.6.SI.11	scatter plots, symbols)				
1 10010111		001.0.01.11	Communicate ideas in a variety of ways				
			(e.g., symbols, illustrations, graphs, charts,				
Air Transportation			spreadsheets, concept maps, oral and				
Problem	LA	SCI.6.SI.19	written reports, equations)				
Air Transportation	<u> </u>	301.0.31.19					
·	A	QCI 6 QI 27	Critique and analyze their own inquiries and				
Problem	LA	SCI.6.SI.37	the inquiries of others				
Aircraft Design		COL 6 CL 4	Design, predict outcomes, and conduct				
Problem	LA	SCI.6.SI.4	experiments to answer guiding questions				

			Evaluate models, identify problems in					
Aircraft Design			design, and make recommendations for					
Problem	LA	SCI.6.SI.33	improvement					
Aircraft Design	 		Draw and label a diagram to represent					
Problem	LA	SCI.6.PS.20	forces acting on an object					
	 	00	Demonstrate that an object will remain at					
			rest or move at a constant speed and in a					
Aircraft Design			straight line if it is not subjected to an					
Problem	LA	SCI.6.PS.22	unbalanced force					
TODICITI		001.0.1 0.22	dribalariced force					
Future Flight Design								
2004 Science								
Grade Level Expectations								
Louisiana Science								
Grade 7								
Activity/Lesson	State	Standards						
Air Transportation			Use computers and/or calculators to analyze					
Problem	LA	SCI.7.SI.9	and interpret quantitative data					
			Construct, use, and interpret appropriate					
			graphical representations to collect, record,					
			and report data (e.g., tables, charts, circle					
Air Transportation			graphs, bar and line graphs, diagrams,					
Problem	LA	SCI.7.SI.11	scatter plots, symbols)					
			Communicate ideas in a variety of ways					
			(e.g., symbols, illustrations, graphs, charts,					
Air Transportation			spreadsheets, concept maps, oral and					
Problem	LA	SCI.7.SI.19	written reports, equations)					
Air Transportation			Critique and analyze their own inquiries and					
Problem	LA	SCI.7.SI.37	the inquiries of others					
			Evaluate models, identify problems in					
Aircraft Design			design, and make recommendations for					
Problem	LA	SCI.7.SI.33	improvement					
		Future Flight [Design					
		2004 Scien	ice					
		Grade Level Expe	ectations					
Louisiana Science								
Grade 8								
Activity/Lesson	State	Standards						
Air Transportation			Use computers and/or calculators to analyze					
Problem	LA	SCI.8.SI.9	and interpret quantitative data					
			Construct, use, and interpret appropriate					
			graphical representations to collect, record,					
l			and report data (e.g., tables, charts, circle					
Air Transportation		001 5 5 1 1	graphs, bar and line graphs, diagrams,					
Problem	LA	SCI.8.SI.11	scatter plots, symbols)					
			Communicate ideas in a variety of ways					
l			(e.g., symbols, illustrations, graphs, charts,					
Air Transportation			spreadsheets, concept maps, oral and					
Problem	LA	SCI.8.SI.19	written reports, equations)					
Air Transportation			Critique and analyze their own inquiries and					
Problem	LA	SCI.8.SI.37	the inquiries of others					

			Evaluate models, identify problems in
Aircraft Design			design, and make recommendations for
Problem	LA	SCI.8.SI.33	improvement